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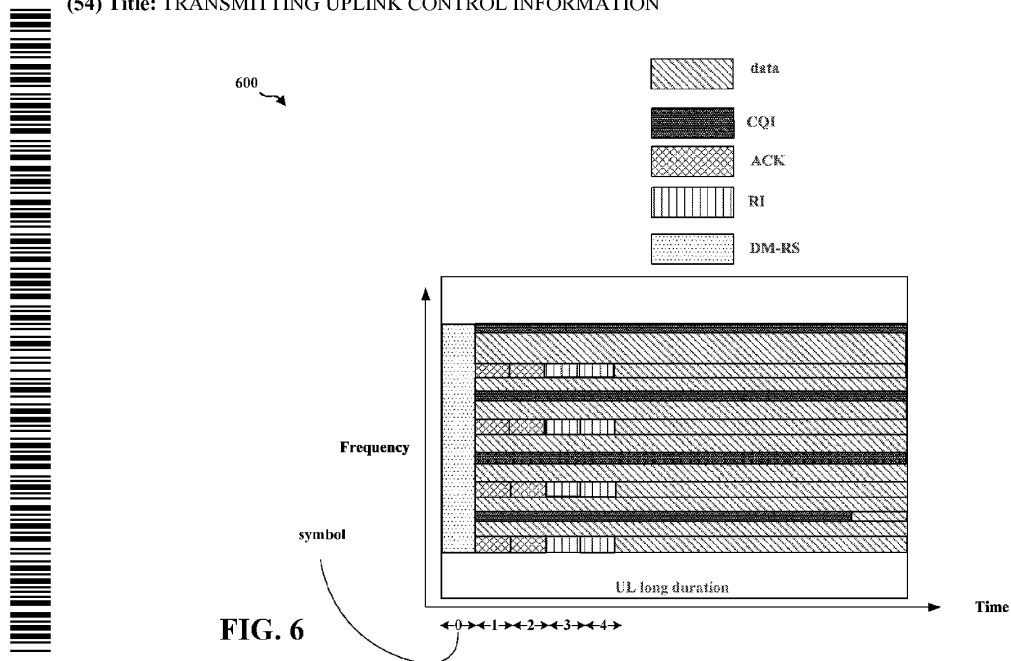
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(54) Title: TRANSMITTING UPLINK CONTROL INFORMATION



(57) Abstract: In an aspect of the disclosure, a method, a computer-readable medium, and an apparatus are provided that may be configured to receive a downlink control message, to determine a beta offset value for transmitting UCI based at least in part on the downlink control message, and to transmit the UCI on an uplink shared channel interleaved with data based on the determined beta offset value. The apparatus may identify the beta offset from a set of values based on the downlink control message. An apparatus may identify resources allocated for PUSCH and may map UCI to the identified resources for PUSCH in a frequency interleaved manner over a bandwidth of the identified resources. The apparatus may map data to the identified resources in a time-first or frequency-first manner, and may transmit a signal comprising UCI and data on the identified resources of the PUSCH in accordance with the mapping.

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